



Kentucky Agricultural Statistics Service
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

LELAND E. BROWN, Director

KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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AGRICULTURAL NEWS: High pressure dominated weather across the Commonwealth for most of the week. Early week frost advisories were issued throughout many portions of the State as some areas hit record low temperatures. As the pressure moved eastward later in the week, temperatures slowly increased and drier conditions allowed farmers time for fieldwork. Temperatures for the period averaged 56 degrees across the State which was 7 degrees below normal. Precipitation for the period totaled 0.00 inches statewide, 1.06 inches from normal. **Topsoil moisture** as of Friday, May 6 was rated 5 percent short, 83 percent adequate, and 12 percent surplus. **Subsoil moisture** was rated 1 percent very short, 3 percent short, 83 percent adequate, and 13 percent surplus. Days suitable for fieldwork averaged 5.0 out of a possible 7 days. Primary farming activities for the week continued to include spreading fertilizer, spraying herbicides, planting corn and soybeans, and preparing ground.

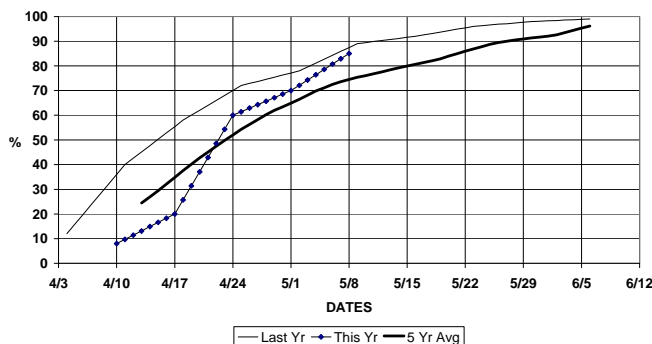
TOBACCO: As of Sunday, May 8, tobacco transplants were reported as 34 percent less than 2 inches, 37 percent were between 2 to 4 inches, and 29 percent were larger than 4 inches. Burley tobacco set was at 3 percent while dark tobacco was at 1 percent set. Ninety-five percent of producers reported adequate plants for setting in their area.

CORN AND SOYBEANS: Corn producers have seeded 85 percent of their acres as of Sunday, May 8, compared to 87 percent last year, and 74 percent for the average. Some farmers expressed crop emergence concerns after a week of below normal temperatures. Emerged corn was reported at 56 percent, behind last year's 65 percent and the average of 58 percent. Corn emerged condition rated at 1 percent very poor, 6 percent poor, 31 percent fair, 53 percent good, 9 percent excellent. Soybeans were 16 percent planted, ahead of last year and the average of 14 percent.

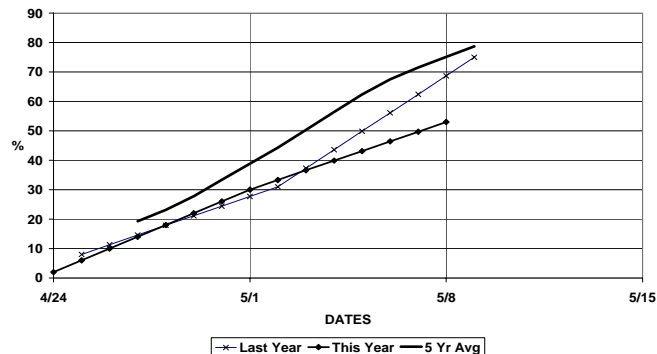
SMALL GRAINS: As of Friday, May 6, winter wheat condition was rated 2 percent poor, 15 percent fair, 63 percent good, and 20 percent excellent. Wheat headed or heading was reported at only 53 percent due to cool temperatures, compared to 69 percent in 2004, and 75 percent for the average.

OTHER CROPS: Range and pasture condition was rated 2 percent poor, 18 percent fair, 63 percent good, and 17 percent excellent. Pasture growth was minimal due to cooler temperatures. Hay crop condition was reported at 2 percent poor, 23 percent fair, 60 percent good, and 15 percent excellent. There were only a few reports of disease problems.

CORN PLANTING PROGRESS



WHEAT PERCENT HEADED OR HEADING



KENTUCKY CROP PROGRESS

WEEK ENDING MAY 8, 2005
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn					
Planted	85	87	74	70	52
Emerged	56	65	58	33	13
Wheat					
Headed or Heading	53	69	75	30	30
Soybeans Planted	16	14	14	7	8
Burley Tobacco Set	3	5	6	1	NA
Dark Tobacco Set	1	7	6	0	NA

(NA)Data Not Available.

SOIL MOISTURE

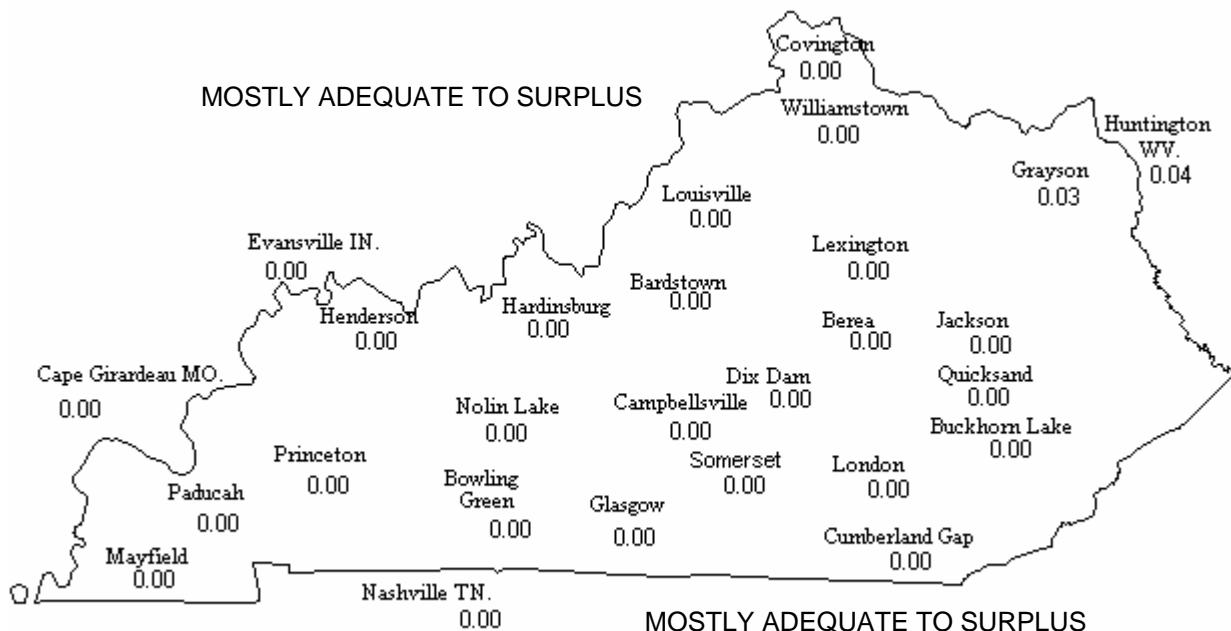
WEEK ENDING MAY 6, 2005
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	0	0
Short	5	1
Adequate	83	64
Surplus	12	35
SUBSOIL		
Very Short	1	0
Short	3	2
Adequate	83	74
Surplus	13	24

KENTUCKY CROP CONDITIONS (Percent)

WEEK ENDING MAY 6, 2005						WEEK ENDING APRIL 29, 2005				
CROP	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Corn Emerged	1	6	31	53	9	0	1	25	67	7
Wheat	0	2	15	63	20	1	2	15	64	18
Pasture	0	2	18	63	17	0	2	25	57	16
Hay Crop	0	2	23	60	15	0	3	24	54	19

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, MAY 8, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MAY 6, 2005



KENTUCKY WEATHER SUMMARY, MAY 2 – 8, 2005:

Below Normal Temperatures and Below Normal Precipitation:

High pressure dominated weather across the Commonwealth all week. The Canadian air mass dropped temperatures well below normal for the first week of May. Frost and freeze advisories were issued for temperatures in the 30's on Tuesday and Wednesday morning. Record lows were either set or tied in Paducah, Bowling Green, Louisville, Lexington, Covington, and London on Tuesday morning ranging from 30-37 degrees. Temperatures began to return to near normal levels later in the week as the high pressure moved east, and southerly winds came into the area. Increasing a few degrees each day, highs were in the lower 80's by Sunday. A little bit of rain was measured in northeastern Kentucky, but the remainder of the State was dry as no measurable precipitation fell. The warming temperatures, low humidities, and lack of rain allowed ample time for outdoor activities.

Temperatures for the period averaged 56 degrees across the State which was 7 degrees below normal. High temperatures averaged from 71 in the West to 69 in the East. Departure from normal high temperatures ranged from 7 degrees below normal in the West to 4 degrees below normal in the East. Low temperatures averaged from 42 degrees in the West to 41 degrees in the East. Departure from normal low temperature ranged from 11 degrees below normal in the West to 10 degrees below normal in the East. The extreme high temperature was 84 in Glasgow. The extreme low temperature was 30 in Covington and Somerset.

Precipitation for the period totaled 0.00 inches statewide which was 1.06 inches from normal. Precipitation totals by climate division, West 0.00 inches, Central 0.00 inches, Bluegrass 0.00 inches and East 0.01 inches, which was 1.11, 1.11, 1.02 and 1.00 inches respectively below normal. By station, precipitation totals ranged from a low of 0.00 inches at most locales to a high of 0.03 inches at Grayson.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, MAY 8, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)										
Bardstown	0.00	5.88	4.22	+0.85	+0.48	83	32	55.5	-8	67	378	-42
Berea	0.00	5.92	4.58	+0.42	+0.50	81	33	55.9	-6	64	419	-9
Bowling Green	0.00	5.79	4.13	+0.20	-0.02	81	34	55.6	-8	65	377	-51
Bristol	0.00	5.44	4.03	+1.13	+0.82	81	32	54.1	-8	58	334	-48
Buckhorn Lake	0.00	4.58	3.44	-0.23	-0.12	82	33	55.8	-6	67	372	-10
Cape Girardeau	0.00	5.40	4.82	-0.37	+0.53	83	37	57.5	-8	78	388	-48
Campbellsville	0.00	6.33	4.80	+0.25	+0.30	83	32	55.3	-8	69	396	-32
Covington	0.00	3.78	3.08	-1.07	-0.52	81	30	54.4	-8	60	316	-36
Cumberland Gap	0.00	4.23	3.13	-1.09	-0.83	82	33	55.8	-6	67	373	-9
Dix Dam	0.00	5.19	3.95	-0.25	-0.09	81	32	55.4	-7	63	373	-47
Evansville	0.00	2.08	1.67	-3.17	-2.24	82	34	54.8	-11	68	357	-41
Glasgow	0.00	6.97	5.52	+1.11	+1.18	84	33	57.4	-6	78	457	+89
Grayson	0.03	5.09	3.47	+0.36	-0.05	79	32	55.1	-7	62	377	+33
Hardinsburg	0.00	3.65	2.75	-1.92	-1.38	83	35	56.5	-7	73	386	-42
Henderson	0.00	3.72	3.20	-1.71	-0.81	83	35	56.8	-9	76	380	-48
Huntington	0.04	5.05	3.31	+0.35	-0.19	79	32	54.9	-7	63	385	+3
Jackson	0.00	7.47	5.44	+2.21	+1.55	80	34	56.4	-6	65	398	+16
Lexington	0.00	3.47	2.73	-1.56	-1.01	80	32	54.6	-7	58	329	-23
London	0.00	6.14	4.69	+1.12	+0.98	82	32	54.3	-8	61	353	-29
Louisville	0.00	3.54	3.02	-1.88	-0.99	83	34	55.6	-8	67	361	-37
Mayfield	0.00	3.81	2.58	-2.53	-2.08	82	33	55.8	-10	67	371	-95
Nashville	0.00	6.93	3.66	+1.30	-0.51	82	37	58.1	-5	74	421	-45
Nolin Lake	0.00	5.55	4.24	-0.39	-0.19	82	34	56.4	-7	72	394	-26
Paducah	0.00	4.55	3.58	-1.73	-1.03	81	37	57.4	-8	78	407	-29
Princeton	0.00	4.61	2.67	-1.47	-1.81	82	35	56.3	-9	74	442	-16
Quicksand	0.00	6.63	4.94	+1.37	+1.05	82	33	55.8	-6	67	366	-16
Somerset	0.00	6.25	4.14	+0.59	-0.07	82	30	52.9	-9	65	354	-66
Spindletop	0.00	3.30	2.69	-1.73	-1.05	80	34	54.4	-8	57	321	-31
Williamstown	0.00	3.65	2.94	-1.64	-0.96	81	31	54.5	-7	59	324	-28

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

CURRENT EUROPEAN CORN BORER DEGREE DAY TOTALS & PREDICTED DATES FOR CERTAIN SPECIFIC VALUES

Location	Current DD Total	Overwintering		750	First		Second 1860
		550	610		1660	1740	
Bardstown	488	5/12	5/15	5/23	7/3	7/6	7/11
Berea	602	AO	AO	5/18	6/30	7/3	7/8
Bowling Green	542	AO	5/12	5/21	7/1	7/4	7/9
Bristol	493	5/12	5/16	5/24	7/5	7/8	7/13
Buckhorn Lake	504	5/11	5/15	5/24	7/4	7/7	7/12
Cape Girardeau	553	AO	5/11	5/19	6/27	6/30	7/5
Campbellsville	565	AO	5/11	5/19	6/30	7/3	7/8
Covington	376	5/19	5/23	5/31	7/9	7/12	7/17
Cumberland Gap	494	5/12	5/16	5/24	7/5	7/8	7/13
Dix Dam	494	5/12	5/16	5/24	7/4	7/8	7/13
Evansville	456	5/13	5/16	5/23	7/1	7/4	7/9
Glasgow	672	AO	AO	5/13	6/25	6/29	7/4
Grayson	517	5/10	5/14	5/23	7/4	7/7	7/12
Hardinsburg	499	5/11	5/15	5/23	7/2	7/6	7/11
Henderson	508	5/10	5/13	5/21	6/29	7/2	7/7
Huntington	534	5/9	5/13	5/22	7/3	7/6	7/11
Jackson	581	AO	5/10	5/19	7/1	7/4	7/9
Lexington	429	5/16	5/20	5/28	7/7	7/10	7/15
London	504	5/11	5/15	5/24	7/4	7/7	7/12
Louisville	457	5/14	5/17	5/25	7/4	7/7	7/12
Mayfield	488	5/11	5/15	5/22	6/30	7/3	7/7
Nashville	504	5/11	5/15	5/23	7/2	7/6	7/10
Nolin Lake	536	AO	5/12	5/21	7/1	7/4	7/9
Paducah	587	AO	5/9	5/17	6/26	6/29	7/4
Princeton	633	AO	AO	5/14	6/24	6/27	7/2
Quicksand	507	5/11	5/15	5/23	7/4	7/7	7/12
Somerset	503	5/11	5/15	5/24	7/4	7/7	7/12
Spindletop	416	5/17	5/21	5/28	7/8	7/11	7/16
Williamstown	387	5/19	5/22	5/30	7/9	7/12	7/17

AO indicates event has already occurred. REAL data are used through 5-08-05 Beyond 5-08-05, NORMAL data are used (adjusted by forecast values). The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext. 245.

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.